

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-010004	Application No. 09/903,339
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Kusumoto et al.	
		Filing Date July 10, 2001	Group Art Unit 2814
(37 CFR §1.98(b))			

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
TD	AA	4,330,363	05/18/1982	Biegessen et al.			
TD	AB	4,599,133	07/08/1986	Miyao et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						



Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TD	AL	JP 62-104117	05/14/1987	Japan			X	
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature <i>T. Huan</i>	Date Considered 10/30/02
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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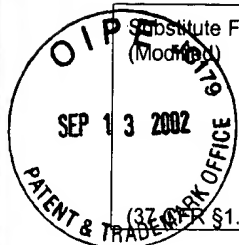
Stamp: OFFICE OF PATENT & TRADEMARK OFFICE FEB 20 2002

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
TD	AA	5 589 406	Dec 31, 1996	Kato et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TD	AL	03-267374	Nov 28, 1991	JAPAN			ABS	
TD	AM	05-267771	Oct 15, 1993	JAPAN			ABS	
TD	AN	06-045272	Feb 18, 1994	JAPAN			ABS	
TD	AO	06-295859	Oct 21, 1994	JAPAN			ABS	
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
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 Applicant
 Kusumoto et al.

 Filing Date
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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
TD	AA	5529630	6/25/1996	IMAHASHI et al.			
TD	AB	RE 36371	11/2/1999	IMAHASHI et al.			
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	AE						
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	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TD	AL	4282869	10/7/1992	Japan	1	1	Abst.	
TD	AM	5275336	10/22/1993	Japan			Abst.	
TD	AN	598394	11/16/1993	EPO				
	AO							
	AP							

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Applicant
Kusumoto et al.Filing Date
July 10, 2001Group Art Unit
2814**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
TD	AA	6,204,099	3/20/2001	Kusumoto et al.			
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	AC						
	AD						
	AE						
	AF						
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	AJ						
	AK						

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